

MYXOMYCETES DATA FROM HUNGARY II.

by

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In a previous publication (Zeller and Tóth, 1971) we have reported 54 species and 3 varieties, with 207 data of habitat. In this paper we give an account of the occurrence of 60 species on the basis of 314 habitat data. Out of these, the occurrence of 5 species in Hungary is reported here for the first time.

The present report includes mainly material which has been collected since the publication of our preceding paper mentioned above but it contains to a minor extent, earlier material as well, which has been worked up, recently. The figures in the enumeration refer to the numbers under which the collected material is listed in our catalogue. The collectors name is mentioned only if the material in question was not collected by S. Tóth. The specimens listed can be found in the second authors collection.

Arctia cinerea (Bull.) Pers.

8747. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8879. *Fagus silvatica* L., on dead wood. Szarvadárok near Bakonybél, Bakony Mountains, 30. 8. 1974, coll.: S. Tóth and E. Tóth — 8990. On decayed wood. Somberekséd near Bakonykoppány, Bakony Mountains, 12. 8. 1972. — 8991. *Salix* sp., on dead wood. Feketeséd near Bakonybél, Bakony Mountains, 12. 8. 1972. — 9015. *Fagus silvatica* L., on dead wood Somberekséd near Bakonykoppány, Bakony Mountains, 11. 8. 1972. — 9040. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1973.

Arctia denudata (L.) Wettst.

8610. On decayed wood. Burokvölgy near Isztimér, Bakony Mountains, 5. 7. 1974. — 8691. On decayed wood. Near Farkasgyepű, Bakony Mountains, 15. 5. 1974. — 8740. On decayed wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8843. *Fagus*

silvatica L., on dead wood. Kékestető, Mátra Mountains, 12. 8. 1971. — 8862. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974. — 8892. On decayed wood. Suslyavölgy near Telkibánya, Zempléni Mountains, 19. 8. 1962. — 8894. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 16. 8. 1960. — 8946. On decayed wood. Leányvölgy near Nagyvisnyó, Bükk Mountains, 15. 8. 1960. — 8976. On decayed wood. Füstöskőbérc near Bálvány, Bükk Mountains, 6. 7. 1961. — 8979. On decayed wood. Felsősebesvízvölgy near Ómassa, Bükk Mountains, 14. 8. 1960. — 8983. On decayed wood. Felsősebesvízvölgy near Ómassa, Bükk Mountains, 7. 7. 1961. — 9004/a. *Quercus cerris* L., on decayed bark. Vértessző near Tahi, Visegrádi Mountains, 2. 6. 1972. — 9028. On decayed wood. Kozárvadászház near Pécs, Mecsek Mountains, 6. 7. 1971. coll.: E. Tóth and S. Tóth — 9023. On decayed plants. Feketető near Farkasfa, 23. 5. 1972, coll.: A. Horánszky — 9052. *Quercus* sp., on dead wood. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970. — 9055. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972. — 9063. On decayed wood. Cuhahegy near Zirc, Bakony Mountains, 5. 11. 1970. — 9066. *Quercus* sp., on dead wood. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970.

***Arceyria incarnata* (Pers.) Pers.**

9025. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 11. 8. 1972.

***Arceyria nutans* (Bull.) Gre v.**

8893. *Picea abies* (L.) Karst., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 7. 7. 1961. — 8941. *Picea abies* (L.) Karst. — on dead wood. Jávorkút near Ómassa, Bükk Mountains, 3. 8. 1962. — 8970. *Picea abies* (L.) Karst., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 7. 7. 1961. — 8986. On decayed wood. Kerekhegy near Ómassa, Bükk Mountains, 7. 7. 1961.

***Badhamia utricularis* (Bull.) Berk.**

8856. On decayed wood. Rákoskeresztúr near Budapest, 20. 9. 1972, coll.: A. Koltay.

***Brefeldia maxima* (Fr.) Rost.**

9042. *Acer* sp., on dead wood. Cuhahegy near Zirc, Bakony Mountains, 6. 11. 1970. (reported here for the first time from Hungary).

***Ceratiomyxa fruticulosa* (Müll.) Macbr.**

8530/a. *Fagus silvatica* L., on dead wood. Burokvölgy near Isztimér, Bakony Mountains, 5. 7. 1974. — 8841. *Fagus silvatica* L., on dead wood. Kékes near Paráds, Mátra Mountains, 12. 8. 1971. — 8905. On decayed wood. Jávorkút near Ómassa, Bükk Mountains, 7. 7. 1961. — 8974. On decayed wood. Szénégető-patak near Leányfalu, 7. 6. 1958. — 9073. *Tilia* sp., on dead wood. Árpádtető near Pécs, Mecsek Mountains, 3. 6. 1973.

Comatricha fimbriata G. Lister et Cran

9134. *Picea abies* (L.) Karst. and *Betula pendula* Roth, on dead bark. Lillafüred near Miskolc, Bükk Mountains, 18. 6. 1972. coll.: I. Fejér — 9237. *Clematis vitalba* L., on dead stem. Csörgőpatak near Mátrakeresztes, Mátra Mountains, 21. 5. 1975. (reported here for the first time from Hungary).

Comatricha lurida A. Lister

8875. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974.

Comatricha nigra (Pers.) Schröt.

8855. *Pinus nigra* Arn., on dead wood. Jegenyevölgy near Solyvár, 26. 9. 1972. coll.: I. Fejér — 8926. On decayed wood. Miklóspálhegy near Bárd, Bakony Mountains, 2. 5. 1972. coll.: S. Tóth and A. Horánszky — 9155. *Quercus* sp., on dead wood. Lipinavölgy near Albertirsa, 17. 4. 1975.

Comatricha typhoides (Bull.) Rost.

8745. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974. coll.: S. Tóth and E. Tóth — 8847. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972. coll.: S. Tóth and E. Tóth — 8923. *Cerasus avium* Moench, on dead bark. Kozári-vadászház near Pécs, Mecsek Mountains, 6. 7. 1971. coll.: E. Tóth — 8932. *Fagus silvatica* L., on dead wood. Saskó near Parádkő, Mátra Mountains, 12. 8. 1971. — 8992. On decayed wood. Rámhegy near Dömös, Visegrád Mountains, 4. 8. 1972. coll.: S. Tóth and E. Tóth — 9005. *Fagus silvatica* L., on dead wood. Gáthegegy near Bakonybél, Bakony Mountains, 6. 7. 1972. — 9009. *Fagus silvatica* L., on dead bark. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974. coll.: S. Tóth and E. Tóth — 9027. *Picea abies* (L.) Karst., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974. coll.: S. Tóth and E. Tóth — 9032/a. *Fagus silvatica* L., on dead wood. Kékes near Parádkő, Mátra Mountains, 14. 8. 1971.

Craterium aureum (Schum.) Rost.

8996. *Fagus silvatica* L., on dead wood. Kozári-vadászház near Pécs, Mecsek Mountains, 6. 7. 1971 (reported here for the first time from Hungary).

Craterium leucocephalum (Pers.) Ditmar

8909. *Fagus silvatica* L., on rotting leaves. Istállóskő near Szilvásvár, Bükk Mountains, 7. 9. 1972. coll.: S. Tóth and E. Tóth.

Craterium minutum (Leers) Fries

8629. *Fagus silvatica* L., on rotting leaves. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974. coll.: S. Tóth and E. Tóth

Cribraria argillacea (Pers.) Pers.

8977. *Picea abies* (L.) Karst., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 3. 8. 1962.

Cribraria aurantiaca Schrad.

8744. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8956. *Picea abies* (L.) Karst., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 3. 8. 1962. — 8959. *Picea abies* (L.) Karst., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 7. 7. 1961.

Diachea leucopodia (Bull.) Rost.

9017. *Carpinus betulus* L., on dead wood. Zöröghegy near Csesznek, Bakony Mountains, 6. 7. 1972, coll.: S. Tóth and E. Tóth — 9072. *Alnus glutinosa* (L.) Gaertn., on dead leaves and cones. Újhatárvölgy near Szarvaskő, Bükk Mountains, 12. 8. 1973, coll.: S. Tóth and E. Tóth

Dietydiaethalium plumbeum (Schum.) Rost.

8860. On decayed wood. Pusztaszentjakab near Gödöllő, 28. 10. 1972. — 8975. *Quercus* sp., on dead bark. Juharos near Máriabesnyő, 12. 3. 1961. — 8984. *Zelkova* sp., on dead bark. Gödöllő, 3. 8. 1959. — 9061. On decayed wood. Cuhahegy near Zirc, Bakony Mountains, 5. 11. 1970.

Dietydium cancellatum (Batsch) Macbr.

8612. *Salix* sp., on dead wood. Pusztaszentjakab near Gödöllő, 1. 6. 1974. — 9044. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972.

Diderma spumarioides (Fr.) Fr.

8848. *Fagus silvatica* L., on rotting leaves. Istállóskő near Szilvásszék, Bükk Mountains, 7. 9. 1972, coll.: S. Tóth et E. Tóth — 8899. *Fagus silvatica* L., on rotting leaves. Felsősebesvízvölgy near Ómassa, Bükk Mountains, 14. 8. 1960. — 9026. On dead twigs and leaves. Fekecséd near Bakonybél, Bakony Mountains, 7. 7. 1972, coll.: E. Tóth.

Diderma testaceum (Schrad.) Pers.

8930. *Fagus silvatica* L., on rotting leaves. Alsósebesvízvölgy near Ómassa, Bükk Mountains, 7. 7. 1961. — 9045/a. On hare dung. Csévharaszt near Monor, 11. 4. 1969, coll.: A. Horánszky.

Didymium difforme (Pers.) S. F. Gray

8969/a. On hare dung. Csévharaszt near Monor, 11. 4. 1969, coll.: A. Horánszky.

Didymium melanospermum (Pers.) Macbr.

8949. On hare dung. Albertirsa, 26. 3. 1971.

Didymium nigripes (Link) Fr.

9013/a. On hare dung. Vaskapuhegy near Esztergom, 15. 8. 1969. — 9081. On hare dung. Malompatakvölgy near Zebegény, Börzsöny Mountains, 14.5. 1970.

Didymium squamulosum (Alb. et Schw.) Fr.

8185/c. On hare dung. Várhegy near Csővár, Cserhát Mountains, 17. 4. 1970. — 8908. *Fagus silvatica* L., on rotting leaves, Borovnyák near Bálvány, Bükk Mountains, 2. 8. 1962. — 8925. *Fagus silvatica* L., on dead wood and bark. Borovnyák near Bálvány, Bükk Mountains, 2. 8. 1962. — 8937. On decayed twigs. Bálvány near Ómassa, Bükk Mountains, 3. 8. 1962. — 8967. On deer dung. Naszály near Vác, Börzsöny Mountains, 20. 10. 1969. — 9000. *Fagus silvatica* L., on rotting leaves. Óserdő near Felsőtárkány, Bükk Mountains, 6. 7. 1961. — 9010. On hare dung. Malomhegy near Márkó, Bakony Mountains, 2. 7. 1969.

Fuligo cinerea (Schw.) Morgan

8943. On hare dung. Hármashatárhegy in the surroundings of Budapest, 30. 5. 1969. — 8947. On hare dung. Kálváriadomb near Dunaharaszti, 31. 5. 1973. coll.: A. Horánszky and S. Tóth — 8997. On deer dung. Bartoskő near Mályinka, Bükk Mountains, 25. 7. 1969. — 9012. On cow dung. Near Tatárszentgyörgy, 15. 5. 1969. — 9031/a. On cow dung. Malompatakvölgy near Zebegény, Börzsöny Mountains, 14. 5. 1970. — 9082. On sheep dung. Kunpeszér, 15. 5. 1969. — 9154. On deer dung. Naszály near Vác, Börzsöny Mountains, 20. 10. 1969.

Fuligo septica (L.) Wigg.

8912. *Fagus silvatica* L., on dead wood. Felsősebesvízvölgy near Ómassa, Bükk Mountains, 14. 8. 1960. — 8935. *Fagus silvatica* L., on dead bark. Ósvavölgy near Telkibánya, Zempléni Mountains, 18. 8. 1962. — 8938. *Athyrium filix-femina* (L.) Roth, on rotting parts. Borovnyák near Bálvány, Bükk Mountains, 2. 8. 1962. — 8940. On decayed wood. Óserdő near Felsőtárkány, Bükk Mountains, 6. 7. 1961. — 8950. *Fagus silvatica* L., on dead bark. Óserdő near Felsőtárkány, Bükk Mountains, 31. 7. 1962. — 8951. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 16. 8. 1960. — 8953. On decayed wood. Szarvadárok near Bakonykoppány, Bakony Mountains, 21. 7. 1961. — 9019. On decayed wood. Zöröghegy near Csesznek, Bakony Mountains, 6. 7. 1972. — 9029. *Carpinus betulus* L., on dead bark. Rámhegy near Dömös, Visegrádi Mountains, 4. 8. 1972. coll.: S. Tóth and E. Tóth — 9039. *Quercus cerris* L., on dead bark. Vértesmező near Tahi, Visegrádi Mountains, 2. 6. 1972. — 9047. *Fagus silvatica* L., on dead bark. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972. — 9076. On rotting saw-dust. Újhatárvölgy near Szarvaskő, Bükk Mountains, 12. 8. 1973, coll.: A. Tóth — 9238. On garden-soil (over decayed wood). Rákosliget by Budapest, 8. 6. 1975, coll.: A. Koltay.

Hemitrichia clavata (Pers.) Rost.

7949/a. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 8603. On decayed wood. Rómaifürdő near Bakonyháza, Bakony Mountains, 5. 7. 1974. — 8606/c. *Fagus sylvatica* L., on dead wood. Kovácsdomb near Zirc, Bakony Mountains, 29. 8. 1974, coll.: S. Tóth and E. Tóth — 8692. *Fagus sylvatica* L., on dead wood. Szarvadárok near Bakonybél, Bakony Mountains, 30. 8. 1974, coll.: S. Tóth and E. Tóth — 8724. *Fagus sylvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8775. On decayed wood. Bakonybél, Bakony Mountains, 1. 2. 1974. — 8829. On decayed wood. Kozári-vadászház near Pécs, Mecsek Mountains, 6. 7. 1971, coll.: E. Tóth and S. Tóth — 8861. *Fagus sylvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974. — 8881. On decayed wood. Miklóspálhegy near Bánd, Bakony Mountains, 12. 10. 1960. — 8888. On decayed wood. Középső-Hajag near Bakonybél, Bakony Mountains, 27. 7. 1960. — 8889. *Fagus sylvatica* L., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 29. 10. 1959. — 8890. On decayed wood. Fehérkőárok near Bakonybél, Bakony Mountains, 28. 7. 1960. — 8917. *Fagus sylvatica* L., on dead wood. Szénpaták near Szokolya, Börzsöny Mountains, 15. 12. 1971. — 8921. *Alnus glutinosa* (L.) Gaertn., on dead bark. Somberekséd near Bakonykoppány, Bakony Mountains, 25. 2. 1972. — 8945. On decayed wood. Burokvölgy near Isztimér, Bakony Mountains, 5. 7. 1974. — 8981. On decayed wood. Szarvadárok near Bakonybél, Bakony Mountains, 21. 7. 1961. — 9057. On decayed wood. Vörösjánosséd near Dudar, Bakony Mountains, 27. 11. 1970. — 9064. *Tilia* sp., on dead wood. Halomány near Bakonybél, Bakony Mountains, 29. 11. 1970. — 9075. *Fagus sylvatica* L., on dead wood. Ördögárok near Bakonyoszlop, Bakony Mountains, 4. 11. 1970. — 9079. *Fagus sylvatica* L., on dead wood. Vörösjánosséd near Dudar, 27. 11. 1970. — 9090. On decayed wood. Kovácsdomb near Zirc, Bakony Mountains, 6. 11. 1970.

Hemitrichia serpula (Scop.) Rost.

8758. *Fagus sylvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8901. *Fagus sylvatica* L., on dead wood. Alsósebesvíz völgy near Ómassa, Bükk Mountains, 7. 7. 1961. — 8968. *Fagus sylvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974. — 9004./b. *Quercus cerris* L., on dead bark. Vértesmező near Tahi, Visegrádi Mountains, 2. 6. 1972. — 9071/a. *Quercus* sp., on dead bark. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970.

Lamproderma scintillans (Berk. et Br.) Morgan

8858. *Fagus sylvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974.

Lepidoderma chailletii R o s t.

8955. On deer dung. Remetehegy near Nagykovácsi, 19. 4. 1974.

Lycogala conicum P e r s.

8602. *Fagus silvatica* L., on dead wood. Szarvadárok near Bakonybél, Bakony Mountains, 30. 8. 1974, coll.: S. Tóth and E. Tóth — 9034. On decayed wood. Dobogókő near Dömös, Visegrádi Mountains, 4. 8. 1972, coll.: S. Tóth and E. Tóth — 9036. On decayed wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972. (reported here for the first time from Hungary).

Lycogala epidendrum (L.) F r.

8171/b. *Picea abies* (L.) K a r s t., on dead wood. Asztalfő near Sopron, 1. 10. 1973. — 8212/b. On decayed wood. Asztalfő near Sopron, 1. 10. 1973. — 8611. *Salix* sp., on dead wood. Pusztaszentjakab near Gödöllő, 1. 6. 1974. — 8688. On decayed wood. Burokvölgy near Isztimér, Bakony Mountains, 5. 7. 1974. — 8689. *Fagus silvatica* L., on dead wood. Farkasgyepű, Bakony Mountains, 15. 5. 1974, coll.: A. Horánszky — 8690. On decayed wood. Near Bakonybél, Bakony Mountains, 1. 2. 1974. — 8825. *Alnus glutinosa* (L.) G a e r t n., on dead bark. Somberekcséd near Bakonykoppány, Bakony Mountains, 25. 2. 1972. — 8827. *Pinus nigra* A r n., on dead wood. Szentendrei-sziget near Szentendre, 16. 5. 1972. — 8828. *Pinus nigra* A r n., on dead bark. Nyergeshegy near Eger, 8. 9. 1972, coll.: S. Tóth and E. Tóth — 8863. *Fagus silvatica* L., on dead wood. Hubertlak near Bakonybél, Bakony Mountains, 9. 11. 1974. — 8897. On decayed wood. Ósvavölgy near Telkibánya, Zempléni Mountains, 18. 8. 1962. — 8902. On decayed wood. Márványkőárok near Bakonybél, Bakony Mountains, 28. 7. 1960. — 8903. On decayed wood. Bánvölgy near Nagyvisnyó, Bükk Mountains, 5. 7. 1961. — 8904. On decayed wood. Miklóspálhegy near Bárd, Bakony Mountains, 12. 10. 1960. — 8965. On decayed wood. Kerekhegy near Ómassa, Bükk Mountains, 7. 7. 1961. — 8982. On decayed wood. Jávorkút near Ómassa, Bükk Mountains, 7. 7. 1961. — 9030. *Carpinus betulus* L., on dead wood. Hajszaabarna near Némethánya, Bakony Mountains, 14. 12. 1972, coll.: S. Tóth and J. Gönczöl — 9035. On dead wood. Ördögárok near Bakonyoszlop, Bakony Mountains, 4. 11. 1970. — 9038. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972. — 9053/a. *Carpinus betulus* L., on dead wood. Kozári-vadászház near Pécs, Mecsek Mountains, 6. 7. 1971. — 9070. On decayed wood. Vörösjánosséd near Dudar, Bakony Mountains, 27. 11. 1970. — 9074. *Carpinus betulus* L., on dead wood. Gáthegegy near Bakonybél, Bakony Mountains, 28. 11. 1970. — 9084. *Tilia* sp., on dead wood. Árpádtető near Pécs, Mecsek Mountains, 30. 6. 1973. — 9129. *Pinus silvestris* L., on dead bark. Pusztaszentjakab near Gödöllő, 9. 3. 1975.

Metatrichia vesparium (Batsch) Nann — Brem.

7968/b. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 11. 8. 1972. — 7999/a. and 8014. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 8379/b. *Quercus cerris* L., on dead bark. Kavicsostető near Noszvaj, Bükk Mountains, 16. 11. 1972. — 8606/b. *Fagus silvatica* L., on dead wood. Kovácsdomb near Zirc, Bakony Mountains, 29. 8. 1974, coll.: S. Tóth and E. Tóth — 8748. and 8755. *Fagus silvatica* L., on dead wood. Szarvadárok near Bakonybél, Bakony Mountains, 30. 8. 1974, coll.: S. Tóth and E. Tóth — 8777. On decayed wood. Bakonybél, Bakony Mountains, 1. 2. 1974, coll.: S. Tóth and I. Galambos — 8798. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8853. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974. — 8866/a. *Quercus* sp., on dead wood. Hubertlak near Bakonybél, Bakony Mountains, 9. 11. 1974. — 8878. On decayed wood. Pusztaszentjakab near Gödöllő, 28. 10. 1972. — 8886. On dead wood. Ablakoskővölgy near Bálvány, Bükk Mountains, 8. 7. 1961. — 8910. *Salix* sp., on dead wood Szarvaskő, Bükk Mountains, 5. 3. 1970. — 8913. *Fagus silvatica* L., on dead wood. Lillafüred near Miskolc, Bükk Mountains, 30. 7. 1962. — 8924. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 8927. *Fagus silvatica* L., on dead wood. Harica-források near Örvénykő, Bükk Mountains, 3. 9. 1960. — 8952. *Picea abies* (L.) Karst., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 3. 8. 1962. — 8961. On dead wood. Jeggyevölgy near Solymár, 26. 9. 1972, coll.: I. Fejér — 8971. *Fagus silvatica* L., on dead wood: Harica-források near Örvénykő, Bükk Mountains, 3. 9. 1960. — 8985. On decayed wood. Disznóskút near Ómassa, Bükk Mountains, 30. 7. 1962. — 9024. On decayed wood. Dobogókő near Dömös, Visegrádi Mountains, 4. 8. 1972, coll.: S. Tóth and E. Tóth — 9060. On decayed wood. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970. — 9078. *Fagus silvatica* L., on dead wood. Vörösjánosséd near Dudar, Bakony Mountains, 27. 11. 1970. — 9085. *Prunus avium* L. (= *Cerasus avium* Möncsh), on dead bark. Cuhahegy near Zirc, Bakony Mountains, 5. 11. 1970.

Mucilago crustacea Wigg.

8954. *Quercus* sp., on twigs. Gödöllő, 24. 5. 1972, coll.: A. Koltay.

Perichaena chrysosperma (Curr.) A. Lister

7901. *Quercus* sp., on dead bark. Kavicsostető near Noszvaj, Bükk Mountains, 16. 11. 1972.

Perichaena corticalis (Batsch) Rost.

8605. On rotting paper. Lipinavölgy near Albertirsa, 25. 3. 1974. — 8607/b. and 8625. On hare dung. Dolina near Albertirsa, 26. 3. 1971. — 8754., 8942., 8967. and 9008. On deer dung. Naszály near Vác, Börzsöny

Mountains, 20. 10. 1969. — 8766. On cow dung. Borzáshegy near Hárskút, Bakony Mountains, 2. 6. 1969. — 8767. On sheep dung. Kunpeszér near Kunszentmiklós, 15. 5. 1969. — 8922. *Ulmus* sp., on dead bark. Leányvölgy near Nagyvisnyó, Bükk Mountains, 15. 8. 1960. — 8960/a. On hare dung. Várhegy near Csővár, Cserhát Mountains, 17. 4. 1973. — 8969/b., 9021/b. and 9045/b. On hare dung. Csévharaszt near Monor, 11. 4. 1969, coll.: A. Horánszky.

Perichaena depressa Libert

8607/a. and 8608. On hare dung. Dolina near Albertirsa, 26. 3. 1971. — 8628. On deer dung. Remetehegy near Nagykovácsi, 19. 4. 1974. — 8770. and 9093. On deer dung. Naszály near Vác, Börzsöny Mountains, 20. 10. 1969. — 8796. and 9011. On hare dung. Malomhegy near Márkó, Bakony Mountains, 2. 7. 1969. — 8929. On decayed bark. Cuhavölgy near Vinyesándormajor, Bakony Mountains, 6. 11. 1962. — 8960/b. On hare dung. Várhegy near Csővár, Cserhát Mountains, 17. 4. 1973. — 9021/a. On hare dung. Csévharaszt near Monor, 11. 4. 1969, coll.: A. Horánszky — 9068. and 9087. *Carpinus betulus* L., on dead bark. Ördögárok near Bakonyoszlop, Bakony Mountains, 4. 11. 1970. — 9104. On deer dung. Zamárhegy near Esztergom, 25. 9. 1967, coll.: A. Horánszky.

Physarum cinereum (Batsch) Pers.

7862/a. On cow dung. Hárskút, Bakony Mountains, 26. 10. 1967.

Physarum confertum Macbr.

8624. On hare dung. Kunbaracs near Lajosmizse, 10. 5. 1974.

Physarum diderma Rost.

8999. On hare dung. Albertirsa, 25. 3. 1974.

Physarum didermoides (Pers.) Rost.

8880. On hare dung. Malomhegy near Márkó, Bakony Mountains, 2. 7. 1969.

Physarum leucopus Link

8859. *Fagus sylvatica* L., on rotting leaves. Hórvölgy near Bükkzsérc, Bükk Mountains, 4. 9. 1971. — 8911. *Fagus sylvatica* L., on dead bark. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth.

Physarum leucophaeum Fries

8948. *Fagus sylvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8957. On living mosses. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8964. *Fagus sylvatica* L., on dead bark. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8998. *Picea abies* (L.) Karst., on dead wood and bark. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth.

Physarum nutans Pers.

9046. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972. — 9054. On decayed wood. Peskő near Felsőtárkány, Bükk Mountains, 18. 8. 1972.

Physarum psittacinum Dittm.

8683. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8882. *Picea abies* (L.) Karst., on dead wood. Jávorkút near Ómassa, Bükk Mountains, 3. 8. 1962 (reported here for the first time from Hungary).

Physarum viride (Bull.) Pers.

8963/a. and 9043/a. On decayed wood. Rámhegy near Dömös, Visegrádi Mountains, 4. 8. 1972, coll.: S. Tóth and E. Tóth.

Reticularia lycoperdon Bull.

9069. *Fagus silvatica* L., on dead bark. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970.

Reticularia olivacea (Ehrenb.) Fr.

8842. *Pinus silvestris* L., on dead wood. Gödöllő, 17. 4. 1972.

Stemonitis axifera (Bull.) Macbr.

8907. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 8962. On decayed wood. Melegmányi-völgy near Pécs, Mecsek Mountains, 6. 7. 1971, coll.: E. Tóth — 8994. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972. — 9002. and 9153. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 11. 8. 1972. — 9007. On decayed wood. Dobogókő near Dömös, Visegrádi Mountains, 4. 8. 1972, coll.: S. Tóth and E. Tóth — 9018. *Fagus silvatica* L., on dead wood. Árpádtető near Pécs, Mecsek Mountains, 29. 6. 1972.

Stemonitis flavogenita Jahn

8944. *Carpinus betulus* L., on dead wood. Kozári-vadászház near Pécs, Mecsek Mountains, 6. 7. 1971, coll.: E. Tóth.

Stemonitis fusca Roth

8742. *Fagus silvatica* L., on dead wood. Horotna völgy near Szilvás-várad, Bükk Mountains, 24. 8. 1974, coll.: S. Tóth and E. Tóth — 8771. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8857. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 8919. On decayed wood. Hidasvölgy near Komló, Mecsek Mountains, 7. 7. 1971. — 8995. *Salix* sp., on dead wood. Feketeséd near Bakonybél, Bakony Mountains, 12. 8. 1972. — 9014. *Fagus silvatica* L., on decayed wood. Somberekséd near Bakonykoppány, Bakony Mountains, 11. 8. 1972. — 9022. *Picea abies* (L.) Karst., on dead wood. Pápvár near Németbánya, Bakony Mountains, 7. 7. 1972.

Stemonitis splendens Rost.

8916. *Fagus silvatica* L., on dead wood. Kékes near Parádk, Mátra Mountains, 12. 8. 1971. — 9016. On decayed wood. Somberekséd near Bakonykoppány, Bakony Mountains, 11. 8. 1972. — 9020. *Fagus silvatica* L., on dead wood. Gáthegy near Bakonybél, Bakony Mountains, 7. 7. 1972.

Trichia contorta (Ditm.) Rost.

7983/b. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 8898. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 27. 10. 1959.

Trichia decipiens (Pers.) Macbr.

8609. *Salix* sp., on dead wood. Pusztaszentjakab near Gödöllő, 1. 6. 1974. — 8906. On decayed wood. Felsősebesvíz völgy near Ómassa, Bükk Mountains, 14. 8. 1960. — 8914. On decayed wood. Óserdő near Felsőtárkány, Bükk Mountains, 6. 7. 1961. — 8918. On decayed wood. Kozárvadászház near Pécs, Mecsek Mountains, 6. 7. 1971. — 8958. On decayed wood. Cuhavölgy near Vinyesándormajor, Bakony Mountains, 6. 11. 1962. — 9006. On decayed wood. Árpádtető near Pécs, Mecsek Mountains, 29. 6. 1972. — 9049. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 11. 8. 1972.

Trichia favoginea (Batsch) Pers.

8741. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8933. On decayed wood. Lökbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 9048. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972.

Trichia persimilis Karst.

8225. On decayed wood. Uzsa near Lesenceistvánd, Bakony Mountains, 4. 10. 1973.

Trichia scabra Rost.

8606/a. *Fagus silvatica* L., on dead wood. Kovácsdomb near Zirc, Bakony Mountains, 29. 8. 1974, coll.: S. Tóth and E. Tóth — 8739. *Picea abies* (L.) Karst., on dead bark. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8743. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8757. *Fagus silvatica* L., on dead wood. Szarvadárok near Bakonybél, Bakony Mountains, 30. 8. 1974, coll.: S. Tóth and E. Tóth — 8768. On decayed wood. Somberekséd near Bakonykoppány, Bakony Mountains, 2. 2. 1974. — 8854. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974. — 8867. On dead wood. Hajszabarna near Gánt, Vértes Mountains, 15. 4. 1971, coll.: A. Horánszky — 8885. *Fagus silvatica* L., on dead wood. Óserdő near Felsőtárkány, Bükk Mountains, 16. 8. 1960. — 8895. On decayed wood. Háromkúti völgy near Ómassa, Bükk Mountains, 2. 9. 1960.

— 8936. *Fagus silvatica* L., on dead wood. Fehérkő near Bakonybél, Bakony Mountains, 29. 11. 1970. — 8972. On decayed wood. Alsósebesvíz-völgy, near Ómassa, Bükk Mountains, 7. 7. 1961. — 8980. On decayed wood. Szarvadárok near Bakonybél, Bakony Mountains, 21. 7. 1961. — 8989. On decayed wood. Fehérkőárok near Bakonybél, Bakony Mountains, 28. 7. 1960. — 8993. *Alnus glutinosa* (L.) Gaertn., on dead bark. Újhatárvölgy near Szarvaskő, Bükk Mountains, 17. 8. 1972. — 9003. *Quercus cerris* L., on dead wood. Vértesmező near Tahi, Visegrádi Mountains, 2. 6. 1972. — 9041. On decayed wood. Pusztaszentjakab near Gödöllő, 28. 10. 1972. — 9056. On decayed wood. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970. — 9058. *Fagus silvatica* L., on dead wood. Gáthegegy near Bakonybél, Bakony Mountains, 28. 11. 1970. — 9062. *Carpinus betulus* L., on dead wood. Cuhahegy near Zirc, Bakony Mountains, 5. 11. 1970. — 9065. On decayed wood. Cuhahegy near Zirc, Bakony Mountains, 5. 11. 1970. — 9067. *Quercus* sp., on dead bark. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970. — 9091. On decayed wood. Óserdő near Felsőtárkány, Bükk Mountains, 18. 8. 1972.

***Trichia varia* (Pers.) Pers.**

7854. *Quercus* sp., on dead bark. Kavicsostető near Noszvaj, Bükk Mountains, 16. 11. 1972. — 8009/b. On dead wood. Lőkbérc near Felsőtárkány, Bükk Mountains, 9. 9. 1972, coll.: S. Tóth and E. Tóth — 8604. *Fagus silvatica* L., on dead wood. Kovácsdomb near Zirc, Bakony Mountains, 29. 8. 1974, coll.: S. Tóth and E. Tóth — 8658. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8738. *Fagus silvatica* L., on dead wood. Nagymező near Ómassa, Bükk Mountains, 25. 8. 1974, coll.: S. Tóth and E. Tóth — 8774. *Fagus silvatica* L., on dead wood. Szarvadárok near Bakonybél, Bakony Mountains, 30. 8. 1974, coll.: S. Tóth and E. Tóth — 8794. On decayed wood. Asztalfő near Sopron, 1. 10. 1973. — 8845. *Fagus silvatica* L., on dead wood. Fehérkő near Bakonybél, Bakony Mountains, 29. 11. 1970. — 8864. *Fagus silvatica* L., on dead wood. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974. — 8870. On decayed wood. Ecsethegy near Pilisszentkereszt, Pilis Mountains, 4. 9. 1972, coll.: A. Horánszky — 8876. *Polyporus* sp., on dead fruit-body. Somberekséd near Bakonykoppány, Bakony Mountains, 8. 11. 1974. — 8884. *Ulmus* sp., on dead bark and wood. Leányvölgy near Nagyvisnyó, Bükk Mountains, 15. 8. 1960. — 8891. On decayed wood. Alsósebesvíz-völgy near Ómassa, Bükk Mountains, 14. 8. 1960. — 8896. On decayed wood. Cuhavölgy near Zirc, Bakony Mountains, 6. 11. 1962. — 8900. *Fagus silvatica* L., on dead wood. Háromkútivölgy near Ómassa, Bükk Mountains, 2. 9. 1960. — 8915. On decayed wood. Pusztaszentjakab near Gödöllő, 28. 10. 1972. — 8927. *Fagus silvatica* L., on dead wood. Harica-források near Örvénykő, Bükk Mountains, 3. 9. 1960. — 8934. and 9086. On decayed wood. Síkfőkút near Noszvaj, Bükk Mountains, 6. 9. 1972, coll.: S. Tóth and E. Tóth — 8978. *Fagus silvatica* L., on dead wood. Leányvölgy near Nagyvisnyó, Bükk Mountains, 15. 8. 1960. — 8988. On decayed wood.

Miklóspálhegy near Báánd, Bakony Mountains, 12. 10. 1960. — 9004/c. and 9051. *Quercus cerris* L., on dead bark and wood. Vértesmező near Tahi, Visegrádi Mountains, 2. 6. 1972. — 9050. *Fagus silvatica* L., on dead wood. Somberekséd near Nakonykoppány, Bakony Mountains, 11. 8. 1972. — 9052. *Quercus* sp., on dead wood. Sűrűhegy near Dudar, Bakony Mountains, 4. 11. 1970. — 9059. *Tilia* sp., on dead wood. Cuhahegy near Zirc, Bakony Mountains, 5. 11. 1970. — 9077. *Tilia* sp., on dead wood. Halomány near Bakonybél, Bakony Mountains, 29. 9. 1970. — 9080. *Tilia* sp., on dead bark. Ördögárok near Bakonyoszlop, Bakony Mountains, 4. 11. 1970. — 9083. On decayed wood. Istállóskő near Szilvásvár, Bükk Mountains, 7. 9. 1972, coll.: S. Tóth and E. Tóth — 9088. *Tilia* sp., on dead bark. Cuhavölgy near Zirc, Bakony Mountains, 5. 11. 1970. — 9089. *Tilia* sp., on dead wood. Cuhavölgy near Zirc, Bakony Mountains, 5. 11. 1970.

***Tubifera ferruginosa* (Batsch) J. F. Gmel.**

8763. On decayed wood. Burokvölgy near Isztimér, Bakony Mountains, 5. 7. 1974. — 8826. *Pinus nigra* Arn., on dead wood. Szentendreisziget near Szentendre, 16. 5. 1972.

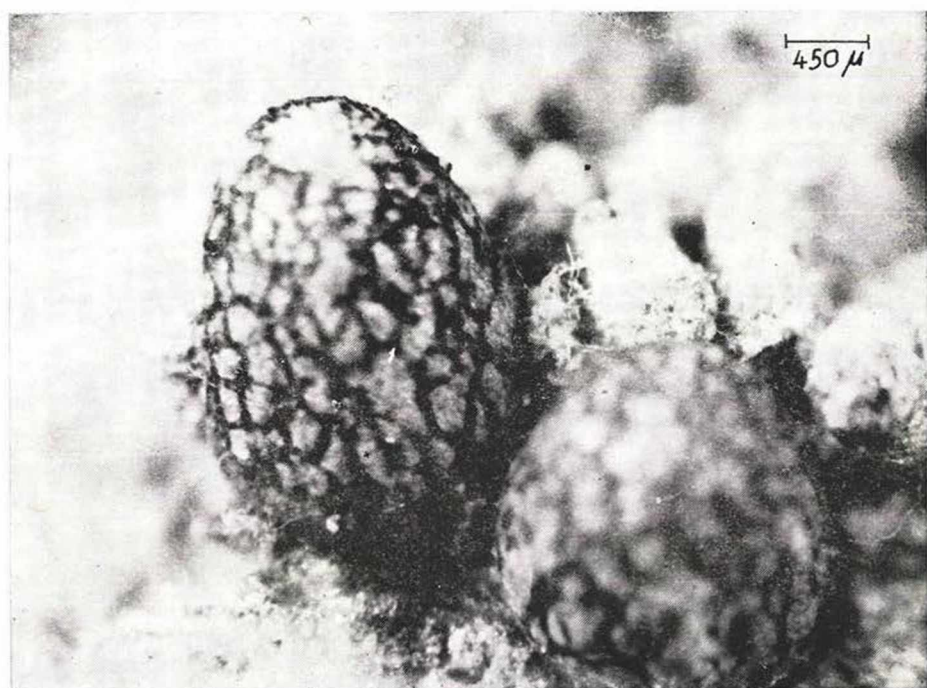
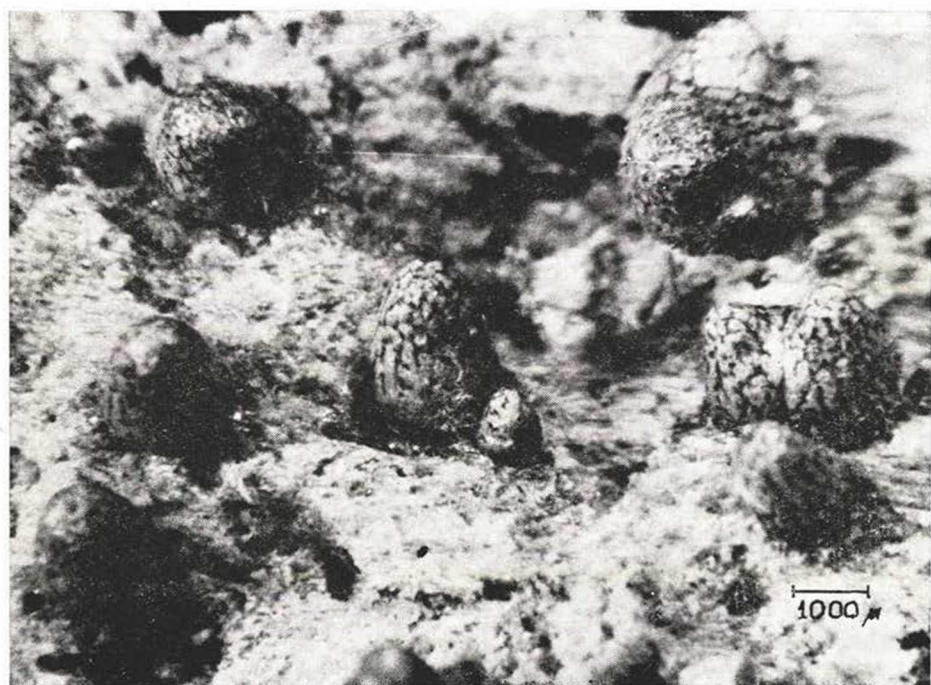


Fig. 1-2. *Lycogala conicum* Pers.: aethalia

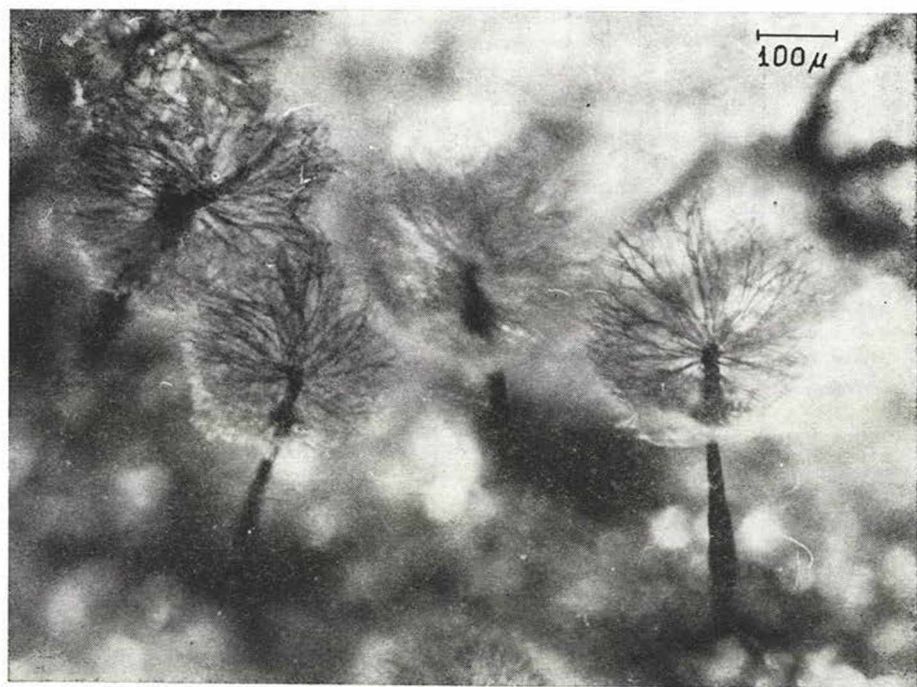
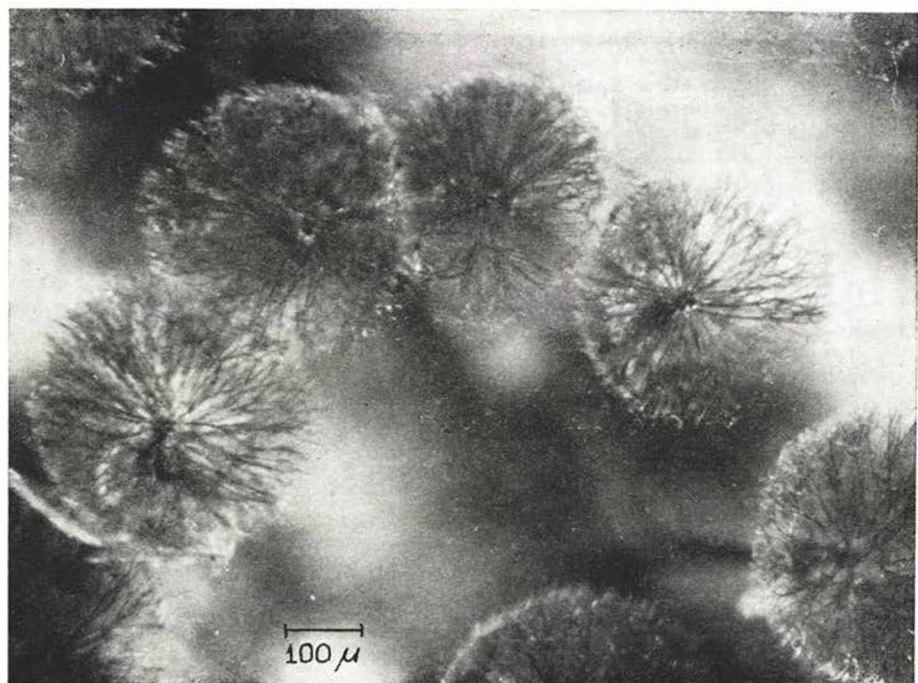


Fig. 3-4. *Lamproderma scintillans* (Berk. et Br.) Morgan: sporangia without outer membrane and spores

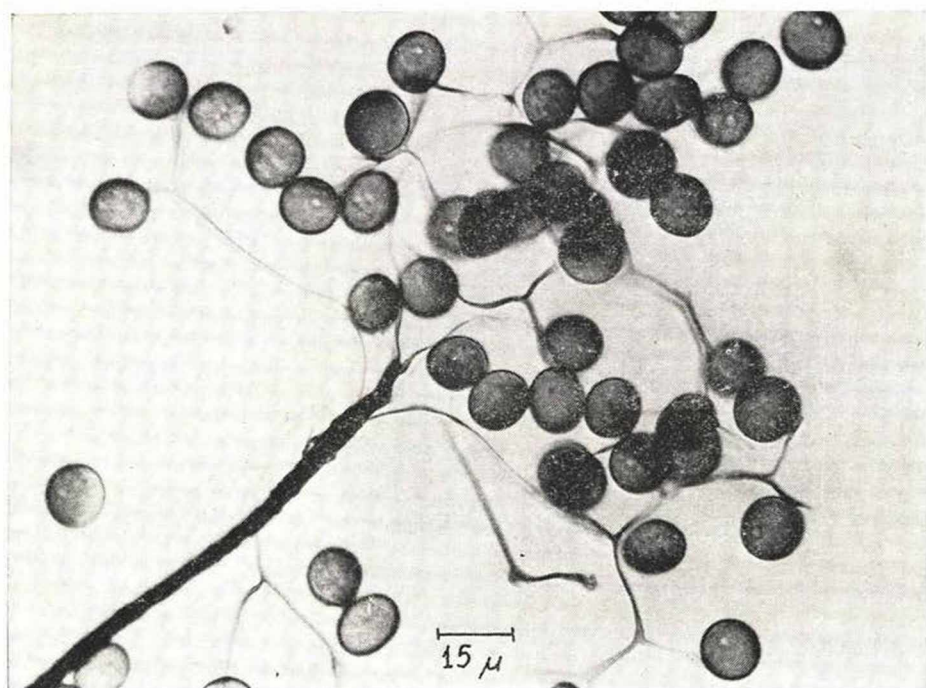


Fig. 5. *Comatricha fimbriata* G. Lister et Cran: part of a sporangium with spores

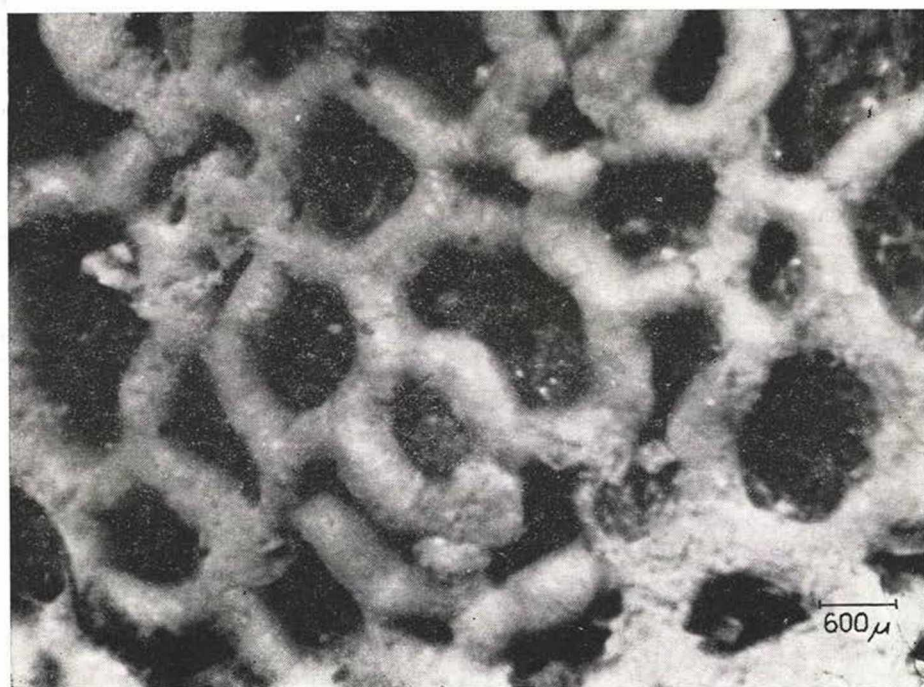


Fig. 6. *Hemitrichia serpula* (Scop.) Rost.: part of a plasmodiocarpium

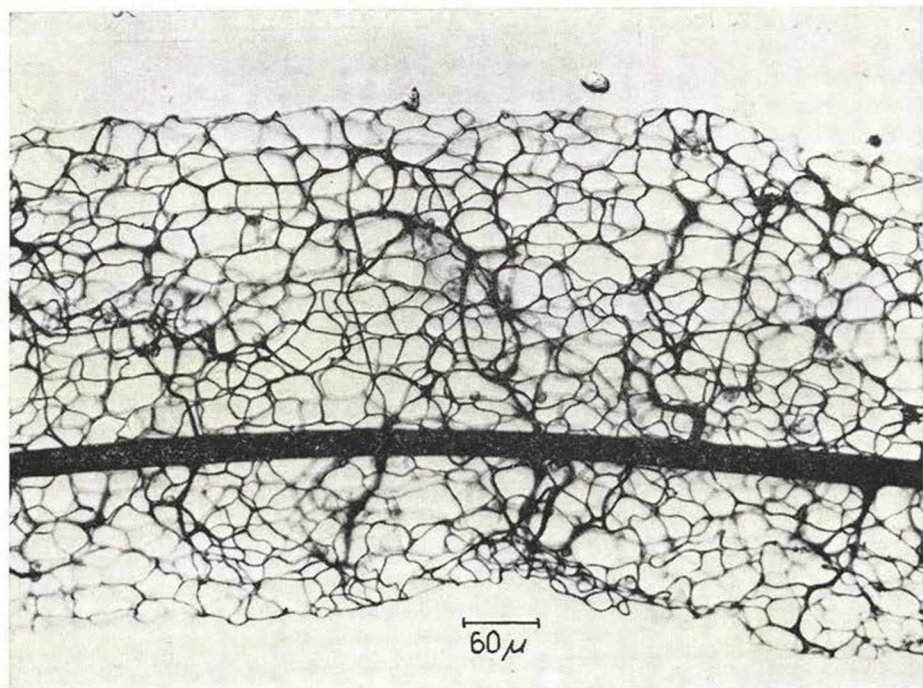


Fig. 7. *Stemonitis flavogenita* J a h n : part of the capillitium

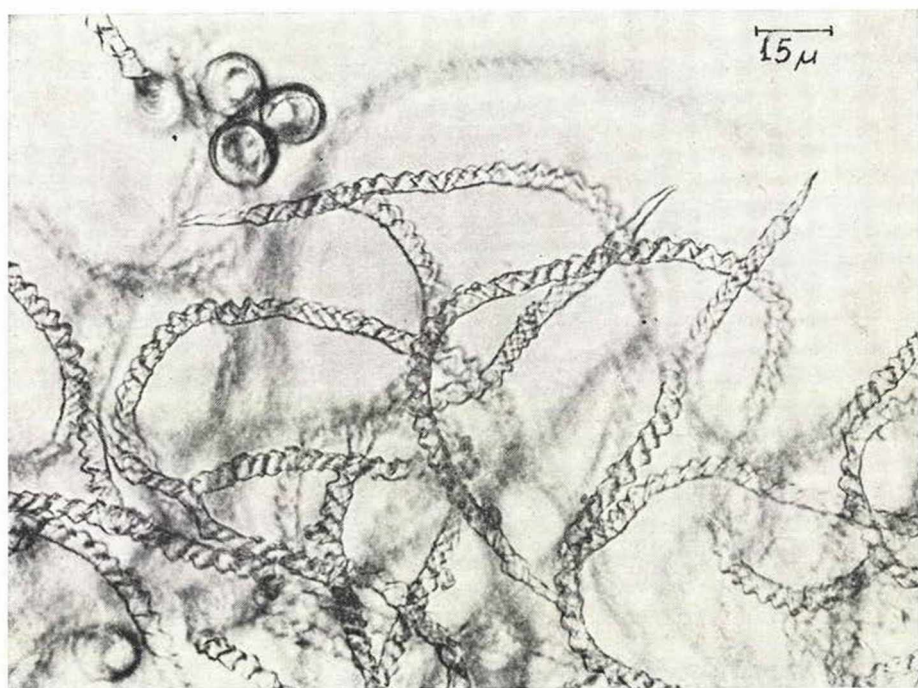


Fig. 8. *Trichia varia* (P e r s.) P e r s.: elaterae and spores

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